



## 21ST-CENTURY SKILLS

21st-Century Skills: What are they? 21st-century teaching and learning combines a discrete focus on 21st-century student outcomes; a blending of specific skills, content knowledge, expertise and literacy with innovative support systems to help students master the multi-dimensional abilities required of them in the 21st century.

It has been said that we are teaching students **skills for jobs that haven't even been invented yet**. So, in order for students to be prepared for college and careers, teachers must embrace and become proficient in the understanding of these skills in order to engage students in 21st-century learning.

21st-century skills in the classroom have evolved **well beyond using 'technology' as a learning tool** or for a specific project. **"21st-century student outcomes" are the skills, knowledge and expertise**



in itself is not a new concept, as illustrated by Leonardo da Vinci's flying machine. Learning and innovation skills increasingly are being recognized as the skills that separate students who are

students should master to succeed in work and life in the 21st century.

These outcomes must be taught in each of the core academic subjects:

- English/language arts and communication
- world languages
- arts
- mathematics
- economics
- science
- geography
- history
- government and civics

However, these nine core academic areas must not exist in their own silos, but must be naturally connected.

Teachers must seek out innovative methods for presenting their material for high levels of student engagement. Innovation

prepared for increasingly complex life and work environments in the 21st century and those who are not. A focus on [creativity](#), [critical thinking](#), [communication](#) and [collaboration](#) is essential to prepare students for the future. Arts classes are uniquely adept at teaching students these 'four Cs.'

The *Arts and Humanities News* will begin exploring the four Cs over the next several issues. By becoming familiar with the [Overview from the 21st Century Partnership](#) and the [21st Century Skills Map for The Arts](#), teachers may find that purposeful and thoughtful implementation will become a natural part of teaching.



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***"Many of tomorrow's breakthroughs will occur at the intersection of diverse disciplines. These will not be limited only to science, engineering, and medicine, but will also include social sciences, arts, and humanities."***

*Judy Estrin, "Closing the Innovation Gap"*

# Commissioner Holliday's Comments to the February 2011 KMEA Conference

Thank you for allowing me the opportunity to meet with you today and share some of my thoughts about music educators. I have been very impressed with the level of professionalism displayed by the leaders of your organization. I have been very impressed with the level of professionalism and excellence in music programs that I have seen as I visit Kentucky schools.

As a former music educator, I have taught at all grade levels. I have been a middle and high school band director. I have been a church choir director and choral music director at the middle and high school levels. I have taught elementary general music. I have conducted orchestras and musical theatre groups. I have been a performer as a trombone player, choir member, and I once played Freddie in *My Fair Lady* (the reviews were so bad that I never went back down that road). So when I say that musicians and music educators are the heart and soul of our culture and our education system, I am not just saying it, but have also lived it. Today I want to quickly highlight three topics – music educators make great leaders; music educators develop great leaders; and we need music educators to take leadership roles in Kentucky right now to help make the future brighter for our children and our Commonwealth.

## Music Educators Make Great Leaders

As I visit with superintendents and chief state school officers across the nation, I find that many of them worked as music educators. Music educators become great school, dis-



trict and state leaders. Why? Music educators understand systems and how to put the parts of a system together to create a synergy that is greater than the parts. Here are some parts of the system that you really understand well.

Music educators understand their customers. They understand their audience. When you guys are creating a marching band show, you know how important it is to have highs and lows. You know how important velocity, emotion, creativity and showmanship are for your audience and your judges. When you develop a choral concert, you know how important it is provide various types of music, voicing and stage presence (I know that *Glee* is raising the bar on many of you.) If you are preparing an orchestra concert or putting on a Broadway musical, you all know how important your audience and customers are. As a chief state school officer or superintendent, that was always where I started. What do my customers or

audience expect and how am I doing in meeting their expectations? You make great leaders because you know how to set goals. You set goals about your marching performance. You set goals for membership in honors choirs or orchestras. You set goals for continuous growth throughout your various performance seasons.

You make great leaders because you know about process management. As a band director, I normally had about 200 or more students in the marching band program. Every rehearsal had to be timed to the second. Uniform fitting had to be precise. Scheduling of buses and timing of events had to be done well. Budgets had to be developed. Supplies and materials needed to be on hand when they were needed. We had to have contingency plans for emergencies. You do the same things. You are great at process management. You make great leaders because you understand the human relations side. You have to juggle the needs of emotional teenagers during the day and then switch gears to deal with the emotional adults at the booster club that evening and in between you have to attend faculty meetings where you listen to other adults complain about how unmotivated children are these days.

Finally, you understand results and how setting goals, great rehearsal processes, and great people skills can produce unbelievable results like I saw this year at the state marching competition and heard yesterday and today with performances at this conference.

*(continued on page 3...)*

# Commissioner Holliday's Comments to KMEA

(...continued from page 2)

## You Create Great Leaders

I was so moved by the tribute to Bob Gregg yesterday. Look at the impact he made on leaders who are now making an impact on the future leaders of our Commonwealth. As I talk to business and higher education officials throughout the state, they tell me the types of leaders they are looking for and I strongly believe that music educators are creating these leaders for the future. They are looking for leaders who are self-disciplined. They are looking for leaders who have good time management. They are looking for leaders who understand teamwork. You do all those things but you also do much more. You create leaders who have heart, emotion and empathy for their fellow human beings. I want to relate just a couple of personal stories about this intangible trait that is so important for the future.

## You Need to be Leaders Now

Finally, I want to ask for your help. I want you to become leaders in your school systems. As you know, we are implementing some of the most far-reaching educational reforms in the nation. Not since the advent of KERA in 1990 has Kentucky been positioned as a leader of education reform in the nation. We are implementing new standards,

new assessments, new accountability systems and new teacher and principal effectiveness systems. I need your help as music educators to make certain that music education is the model for the rest of the content areas.

I need your help with program reviews. Thanks to your leadership, the Kentucky Board of Education has directed KDE staff to develop, with your participation, a rubric for music education programs that designates distinguished, proficient and needs improvement levels. Schools and districts will be held accountable for program reviews. I need your help with teacher effectiveness. When you define the opportunities and evidences in the program reviews, we then need to move those to the new statewide teacher evaluation system that we are developing. Music educators are experts in using student performance results to improve instruction. I need your help to make certain that music and the arts are part of

the accountability model. We must ensure that music education remains an important part of our curriculum and that it is taught by certified specialists. I need your help with involving more children in music programs. In all my years of

teaching, I never had a student drop out of school that was in the music programs. In Kentucky we have over 6,000 children who drop out of school each year. You can help by

engaging more children in music programs where they have adults who care about them and they are part of a team and family.

I need your help to lobby not only our Kentucky General Assembly but also the Congress to keep music as an important component of a well-rounded education. As NCLB is reauthorized, we need to ensure music and the arts are important part of any federal accountability model.

Thank you again for allowing me to speak to you today. As leader of K-12 education in Kentucky, I will make a commitment to you today that music education and the arts will not be set aside. The heart and soul of our children, our Commonwealth and our nation are built through music and the arts, and I thank you for what you do for children everyday to ensure the have a bright future.

***“As leader of K-12 education in Kentucky, I will make a commitment to you today that music education and the arts will not be set aside. The heart and soul of our children, our Commonwealth and our nation are built through music and the arts, and I thank you for what you do for children everyday to ensure the have a bright future.”***

*Terry Holliday, Ph.D.  
Kentucky Education Commissioner*





# Toyota International Teacher Program – Costa Rica 2011

Greetings from the Institute of International Education

The 2011 Toyota International Teacher Program to Costa Rica, will take place November 19 through December 3. Full-time classroom teachers of all subjects and librarians, grades 7 – 12, are now invited to apply online. Please visit [www.iie.org/toyota](http://www.iie.org/toyota) for more information and application instructions. The deadline to apply is May 4.

The Toyota International Teacher Program is a fully-funded international professional development program for U.S. teachers. Funded by Toyota Motor Sales, U.S.A., Inc., and administered by the Institute of International Education, the program advances environmental stewardship and global connectedness in U.S. schools and communities. The Program to Costa Rica will explore environmental and cultural preservation, biodiversity and sustainability through a variety of site



visits, discussions, lectures and hands-on activities. Program participants will have an opportunity to meet with local experts, visit schools and museums, and experience the rainforest first-hand.

The Toyota International Teacher Program values diversity and en-

courages educators of all backgrounds, subjects and school types to apply for this unique professional development opportunity.

If you have any questions or would like more information, please e-mail [toyotateach@iie.org](mailto:toyotateach@iie.org) or call (877) 832-2457.

## “Experience the Arts!” Plate

**There’s a brand new way to support the arts in the Commonwealth!** The Kentucky Foundation for the Arts is now accepting applications for a specialty arts license plate, featuring a gorgeous design by Louisville artist Jeaneen Barnhart and the phrase **“Experience the Arts.”** With the arts plate, you don’t just make a statement, you make a difference, with a portion of the proceeds from each plate going to support the arts organizations that play such a vital role in the culture and character of our state. Click the [application link](#) to show your support and reserve a plate in the exclusive first run, for which 900 must be ordered initially.



## "Wish You Were Here:" Postcards as Primary Sources

Have you ever considered using historic postcards as a primary source in your classroom? If not, you might be missing out on a great teaching tool. Visual arts teachers at all grade levels could use the primary sources from the Kentucky Historical Society (KHS) for a variety of purposes.



*Postcard courtesy of the Kentucky Historical Society*  
**The text beneath the building reads: "Courthouse, Greensburg, Ky. Built 1802-1804. Oldest Courthouse in use in Kentucky." It was mailed to Mrs. E. B. Dye of Louisville in 1908.**

A diverse set of subjects are covered on historic postcards, and sometimes they are the only surviving images from the period that they were taken of a structure, a monument, a landscape or even a person.

The images on postcards can tell a unique story. In the [Digital Collections Catalog of the Kentucky Historical Society](#), there are numerous postcards. This one, which shows the old Green County Courthouse, allows the viewer to step back in time for a moment.

One exercise for students would be to try to date the image. Although there are not a lot of hints in this

particular image, there are some clues. There is a horse and cart, so it is probably set before the increase in automobile use. There is also an electric or telephone pole visible, so it is probably safe to say this is from or near the turn of the 20th century. Another exercise, if the postcard is a local scene, would be to photograph the same building as it presently appears, from the same angle, and do a "then and now" presentation describing the changes. Often details and clues come alive in postcards if one takes the time to look close enough.

Postcards not only inform you by what is pictured on the front, but if you're lucky, interesting information can sometimes also be found on the back. If the postcard was sent through the mail, there is most often a legible postmark date to help contextualize the time period of the postcard.

For example, the Green County Courthouse, postcard (featured) was postmarked July 2, 1908, at 6 a.m. in Greensburg. Now, that

is some pretty precise information; a connection to that time and place. Even better is when some tidbit of news or a description of some sort is included. This one, to the sender's mother in Louisville says, "Dear Mother, Will not write a letter as I expect to see you real soon. Please bring a few Treats from Kirby's. Have not gotten the piece of music. Leticia."

To view items in the Ronald Morgan Postcard Collection, [click here](#).

## Do You Have Exemplary Lessons to Share?

Do you have exemplary lessons you have developed from using primary sources?

Have your students created or performed period dances after studying the images of a time period such as illustrated in the postcard above? Perhaps they have created a piece of music inspired by the image and emulating the music of the period, written a short play, or built scale models or dioramas of the

scene.

Primary sources available from the KHS or your local museums provide an outstanding resource for students to find authentic connections between the arts and social studies as well as other subjects. By utilizing primary sources, students also can gain a sense of



their local culture.

Submit them electronically along with student work samples and reflections to [robert.duncan@education.ky.gov](mailto:robert.duncan@education.ky.gov).

You may see them posted in the *Arts and Humanities Newsletter* or on the arts and humanities Web page so other arts educators can incorporate your good work into their curriculum.

# Governor Beshear Appoints Kentucky's Poet Laureate for 2011

Governor Steve Beshear announced that poet, writer and teacher Maureen Morehead of Louisville has received the honorary appointment as Kentucky Poet Laureate for 2011-2012. Morehead will be formally inducted at the **Kentucky Writers' Day celebration** April 25, in the Capitol Rotunda in Frankfort.

**"I am pleased to appoint Maureen Morehead to the post of Kentucky Poet Laureate. She is not only an accomplished poet and writer, she is also a distinguished educator, which makes her perfect for the position," said Gov. Beshear.**

**Morehead's literary background** has deep roots in Kentucky and her poems draw heavily on her long residency in the state. She is currently a faculty member of Spalding University's brief-residency MFA Program in Writing, teaching poetry. Morehead is a retired school teacher with 32 years of service with the Jefferson County public schools, teaching Advanced Placement English, creative writing and journalism. She also taught at the University of Louisville and Western Kentucky University and was on the faculty of the Kentucky Institute for the Arts in Education, a program designed to help educators integrate the arts into their curricula.

Morehead has published three books of poetry: *In a Yellow Room* (Sulgrave Press, 1990), *A Sense of Time Left* (Larkspur Press, 2003) and *The Melancholy Teacher* (Larkspur Press, 2010). Referring to her most recent work, *The Melancholy Teacher*, Morehead says, **"It suggests why poetry matters in a world with very little emphasis on taking time to ponder the big questions: who we are, what we're doing here, how to make meaningful these very, very short lives we've**

**been given."**

Morehead also co-authored *Our Brothers' War* (Sulgrave Press, 1993), which includes her poems and Pat Carr's short stories on a theme of Kentucky women during the Civil War.

**Morehead's poems** have appeared in national publications such as *Poetry* magazine and the *American Poetry Review*, as well as many regional literary journals. Her work has also been included in anthologies published by University Press of Kentucky, Publishers Printers and Western Kentucky University.

**Honors and awards for Morehead's** work include recognition by the **Governor's Scholars Program**, the Kentucky Arts Council, Kentucky Foundation for Women, National Council of Teachers of English, the Kentucky Humanities Council and the Jefferson County school district.

The Kentucky Poet Laureate is appointed by the Governor to promote the literary arts in Kentucky through readings and public presentations at meetings, seminars, conferences and events, including **Kentucky Writers' Day.**

The Kentucky Arts Council coordinates the nomination and selection process for recommendation to the



Photo courtesy of the Kentucky Arts Council  
**2011 Poet Laureate Maureen Morehead**

governor. **Kentucky's** Poet Laureate must be a resident of Kentucky with a long association with the Commonwealth and have received critical acclaim for his or her work. Past Kentucky poets laureate appointed by governors are Gurney Norman (2009-2010), Jane Gentry Vance (2007-2008),

Sena Jeter Naslund (2005-2006), Joe Survant (2003-2004), the late James Baker Hall (2001-2002), Richard Taylor (1999-2000), the late Joy Bale Boone (1997-1998) and the late James Still (1995-1996).

The [Kentucky Arts Council](#), the state arts agency, creates opportunities for Kentuckians to value, participate in and benefit from the arts. Kentucky Arts Council funding is provided by the Kentucky General Assembly and the National Endowment for the Arts.





# Nominations Open for 2012 Kentucky Teacher Awards

(FRANKFORT, Ky.) – Nominations are now open for the 2012 Kentucky Teacher Awards, sponsored by the Kentucky Department of Education and [Ashland Inc.](#)

Nominations may be submitted electronically by visiting the 2012 Kentucky Teacher of the Year Web site at [kentuckytoy.com](http://kentuckytoy.com). The deadline for nominations is May 15.

Any full-time public school teacher in the state with at least three years of experience is eligible. Additional qualifications are cited on the [application](#). Teachers may be nominated by students or their parents, teaching peers, principals or superintendents or anyone from the community who has an interest in honoring an outstanding educator. All nominated teachers are re-



**Kentucky**  
TEACHER OF THE YEAR

quired to complete a formal application, which must be submitted by June 30. Judging will take place in August by a blue ribbon panel of education professionals from around the state, and up to 24 Ashland Inc. Teacher Achievement Award winners will be announced in September. Following site visits with nine semifinalists in September and personal interviews with the top three candidates, the Kentucky Teacher of the Year will be announced in Frankfort. At that time, all 24 teachers will be honored with cash awards and other mementos. Teacher Achievement

Award winners will receive a cash gift of \$500; two of the three finalists will receive a cash gift of \$3,000; and the Teacher of the Year will receive a cash prize of \$10,000, along with an exciting professional development opportunity. The Kentucky Teacher of the Year then will represent the state in the National Teacher of the Year competition.

The Kentucky Teacher Awards program combines the best elements of the Ashland Inc. Teacher Achievement Awards and the Kentucky Teacher of the Year programs. This is the 11th year for this innovative collaboration between private industry and public education.

## AP Online Exam Review



The Kentucky Virtual High School (KVHS) is pleased to provide an online

exam review for students preparing for the College Board's Advanced Placement examinations again this year free of charge to students attending school in Kentucky.

AP Exam Reviews include released AP examinations and support materials licensed from the College Board. Some distinguishing characteristics of the reviews are:

- A review of actual "student" essays taken from past AP Exams accompanied with detailed advice and instruction to facilitate student comprehension of the material. The AP Exam Reviews break these essays down step by

step to demonstrate and distinguish the differences between essays that satisfy the prompt and essays that do not.

- Analyses of multiple choice questions from past AP Exams with specific guidance to help students better understand why an answer is correct and why the other answers are incorrect.
- Students complete practice multiple choice exams in a simulated, test environment.
- Access to support materials from College Board and from FLVS AP instructors to prepare students for the testing environment including testing tips, review of testing terminology and website references.

The following ten AP Exam Reviews are available to your students:

Art History  
Biology  
Calculus AB  
European History  
Literature and Composition  
Language and Composition  
Macroeconomics  
Spanish Language  
U.S. History  
U.S. Government and Politics

### How to Get Started

Identify a contact person for your school. E-mail Kari Welch at [kari.welch@education.ky.gov](mailto:kari.welch@education.ky.gov) to register your school and to receive enrollment instructions. The contact person will be responsible for communicating the enrollment instructions to each student participating in the AP Exam Review. Students can begin studying any time after enrollment. Any questions should be directed to the Kentucky Virtual High School at (866) 432-0008.

# World Language Opportunities

## China

The application for the 2011-12 Guest Teacher from China Program is available online at [www.collegeboard.org/guestteacher](http://www.collegeboard.org/guestteacher). The Chinese Guest Teacher Program is designed to help U.S. schools develop Chinese language and culture programs and to promote international exchange between the United States and China. The program provides an experienced language teacher from China for the host school or district for a period of one to three years. This is your chance to bring an innovative international program into your school and community, and build your Chinese program efficiently and affordably. *The application deadline has been extended.*

## Spain

A letter of intent to apply for a Visiting Teacher from Spain is due to Jacque Van Houten ([jacqueline.vanhouten@education.ky.gov](mailto:jacqueline.vanhouten@education.ky.gov)) by March 15. The Visiting

Teacher from Spain program is a collaboration between KDE and the Spanish Ministry of Education to provide certified, experienced Spanish language, ESL and K-12 content teachers to Kentucky schools. For more information, please see:

<http://www.education.ky.gov/KDE/Instructional+Resources/High+School/Language+Learning/Other+World+Languages/Visit-ing+Teachers+from+Spain+Program.htm>

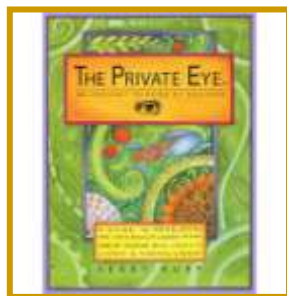
The Ministry of Education of Spain and the Education Office of the Embassy of Spain in Washington, D.C. offer a Spanish Language and Culture Assistants program for primary, middle and high schools in the U.S. This program gives students of Spanish an opportunity to learn Spanish language and culture from native speakers. The Spanish assistants have the opportunity to learn about American culture and use their knowl-

edge upon their return to Spain, helping to de-

velop cultural understanding between the two countries. The Language & Culture Assistants from Spain can be college students in their senior year or may already **have B.A. degrees** The assistants' salaries (\$1,000 a month) and medical insurance are paid by the Spanish Ministry of Education from October to June (both inclusive). The schools/school districts/universities with Spanish Resource Centers will provide lodging and transportation for the same period. You may request an application form from the Education Advisor that services your area, <http://www.educacion.es/exterior/usa/es/intro/red.shtml> or send an e-mail to [auxiliare-sesp.usa@educacion.es](mailto:auxiliare-sesp.usa@educacion.es). (Deadline: March 31)



## Review: *The Private Eye—Looking/Thinking by Analogy*



Review by Suzann Shaver, KDE Science Consultant

The use of cross-curricular and col-

laborative lessons continues to take on a vital role with the impetus of 21st-century skills and the implementation of the Program Reviews.

This is a program about looking closely at the world and can be used with students in K-12. It provides hands-on activities using a jeweler's loupe (magnifying tool) and

questioning to develop deep thinking and creativity. You begin by examining a piece of your world very closely and asking these two questions **“What else does it remind me of?”** and **“What else does it look like?”** **This is thinking by analogy,** and these analogies can become the basis for poems, beginnings of short stories or essays. In addition **you then ask “Why is it like that?” because we know in nature ‘form and function’ are tightly linked. And then ask the question “If it reminds me of that, might it function like that in some way?”** As you are working through the lesson, you may have students draw what they see as a way to focus their thinking. From these questions and observations students can theorize and be-

gin to think as a scientist. They also will develop a written product such as a poem, short-story or an essay. By using these techniques in your science classroom, you will be developing students that will have experienced the thinking skills of scientist – wonder, close observation and theorizing.

Check out this website for more information on this exciting way to view the world and spark our students' interest in the art of science and nature.

<http://www.the-private-eye.com/index.html>



# Need to Know News



Collaborative for Teaching and Learning PD Opportunities

CTL is pleased to announce Summer 2011 PD Work-

shops. Look for more information coming spring 2011. To be placed on a waiting list, e-mail CTL at [info@ctlonline.org](mailto:info@ctlonline.org) and indicate the session(s).

## Artful Reading: Integrating Literacy with Visual Art and Music

Use art-themed picture books and reading strategies in an interactive arts-based workshop to learn how to engage students in literacy learning and arts integration. Session will include modeling and hands-on experiences in reading, music and visual art.

Target Grades: Kindergarten through Grade 5 and Arts Specialists

Date: June 6

## Artful Reading: Integrating Literacy with Dance and Drama

Use art-themed picture books and reading strategies in an interactive arts-based workshop to learn how to engage students in literacy learning and arts integration. Session will include modeling and hands-on experiences in reading, dance and drama.

Target Grades: Kindergarten through Grade 5 and Arts Specialists

Date: June 7

Contact CTL for more information on these and other PD opportunities: [http://ctlonline.org/site/news\\_articles/ctl-announces-](http://ctlonline.org/site/news_articles/ctl-announces-)

[summer-2011-pd-workshops.html](http://summer-2011-pd-workshops.html)

**These resources come from various sources. For questions or concerns, contact those sources directly.**



## Creativity in Education Institute

The Tennessee Arts Commission is offering **Tennessee's Kentucky** neighbors a great reduced group rate of \$175/person for a five-day professional development in the arts in education. The fee includes everything - lodging, food, workshops and events. Cost does not include travel. Sessions will be provided for teaching artists, classroom teachers, arts specialists and principals. Please mention that you received this from Carrie Nath, Arts Education director of the Kentucky Arts Council, to get your discount. Please send a confirmation e-mail of your registration to Carrie Nath, [carrie.nath@ky.gov](mailto:carrie.nath@ky.gov), to help track the Kentucky contingent and meet up when all arrive. This is an excellent opportunity to garner new resources in arts education, network and get to play with fantastic colleagues in a fun atmosphere! For more information, go to [http://www.arts.state.tn.us/arts\\_integration\\_create2011.htm](http://www.arts.state.tn.us/arts_integration_create2011.htm).

## Questions about arts education in Kentucky?

Contact Kentucky Department of Education  
Arts &  
Humanities Consultant

Robert Duncan  
(502) 564-2106



Arts learning experiences contribute directly to improving educational outcomes for all students and to boosting individual academic achievement. They also foster the cultural understanding, aesthetic appreciation, and civic engagement that are vital to healthy communities. If you lose the arts, you lose the pilot light to civilization. And yet, over the past several decades and increasingly in these trying economic times, the arts have been disappearing from the nation's public schools.

Now, more than ever, we need to harness the concrete examples from research, policy and practice that demonstrate the vital role of the arts, along with other core subjects, in creating a complete and comprehensive education that paves the way for student success. Join your colleagues in the nation's capital for a meaningful conversation about what learning ought to look like for all our citizens.

Click [HERE](#) for resources on a complete and comprehensive education.

More information will be forthcoming on the Arts Education Partnership Forum in Washington, DC.



# Need to Know News

## PBS Invites Innovation

All U.S. preK-12 teachers are invited to enter the PBS Teachers Innovation Awards.

Show PBS how you inspire your students, and you could win a weeklong immersion experience at The Henry Ford.

Whether you teach your students physics with rocket launchers or engage students with digital storytelling, you are innovating and making a difference -- and PBS wants to recognize and thank you.

Entry is easy -- simply...

- Sign up to be a PBS Teacher at [pbsteachers.org/innovators](http://pbsteachers.org/innovators).
- Submit a video clip and a brief description showing how you innovate in your classroom using PBS resources.

Read complete contest rules: [pbs.org/teachers/innovators/rules/](http://pbs.org/teachers/innovators/rules/)

Deadline: The PBS Teachers Innovation Awards are open now through March 31. Winners will be announced in May, and winning entries will be featured on the PBS Teachers website.

PBS and local member stations thank you for your daily boundless energy and innovation. You inspire PBS to create high-quality programs and local services to help make your work a little bit easier.

## Music in Our Schools

**Music inspires students' creativity** and encourages learning. To help incorporate music in the classroom, **check out Thinkfinity's special collection of [music-related lessons, activities and podcasts](#)**. Share the love of music with students while making learning fun!



## Recommended Resources

- Encourage students to learn [The Connection Between Poetry and Music](#) as they develop language fluency skills. (3-5)
- Show students that [Seeing Music](#) is actually possible as they view the math behind the music in this math-related lesson. (9-12)
- Listen to a podcast and learn how computers can now produce music without a human composer in [Computer Composer](#). (6-12)



Are you part of the Thinkfinity Community? [Visit us today](#) and [see what other educators are discussing](#).

Interested in professional development? Visit our [complete lineup of free webinars](#) and get started today!

## Kentucky Historical Society Thursday Evening Film Series

March 17 will begin the spring film series at KHS and will continue along the lines of the programming offered in 2010. Independent films made by Kentuckians and about Kentucky topics will be featured. Multiple directors will be on hand for the March and April films to participate in an informal question and answer session after the

screenings.

The first set of films will be a group of short documentaries by the youth filmmaking crew of the Appalachian Media Institute (AMI). Many of these films address social and cultural issues that directly connect with Kentucky culture, from the stereotypes that go along with the eastern Kentucky accent to families coping with loved ones serving in the military overseas. Provocative, insightful and sometimes humorous these films are told from the perspective of the young people making them.

AMI has been training youth in media literacy since 1988, and the group helps young people explore how media production skills can be used to ask, and begin to answer, critical questions of themselves and their communities. See [www.appalshop.org/ami](http://www.appalshop.org/ami) for more information.

On April 21, KHS will screen another original documentary, this one on the life and times of former major league baseball player and Morehead State University graduate Steve Hamilton. Titled *The Father, The Pitcher, The Hero*, this film, made by several students from Morehead State University, **chronicles the late baseball player's** life, pitching career, and involvement with the Major League Baseball's Players Association.

All films are free with admission to the Kentucky Historical Society campus (Adults: \$4, Youth under 18: \$2, KHS and KJHS members: Free) and include the movie, admission to the museum, free popcorn and soda. Films begin at 6:30 p.m. ET unless otherwise noted.

**KentuckyHistoricalSociety**  
Connections. Perspective. Inspiration.

# Need to Know News

## Thoreau Performances



The Arts and Humanities Collaborative, in partnership with Eastern Kentucky University's Re-

gional Stewardship, will provide free performances of the play *Walden: The Ballad of Thoreau* for high school students throughout **EKU's Service Region and the SESC** Educational Cooperative member districts.

Below is the list of sites that will be hosting performances. If you are interested in bringing a group from your high school, please contact Sarah Evans at [sarah.evans@eku.edu](mailto:sarah.evans@eku.edu) to place a reservation. EKU/SESC Service Region will have first choice in reserving seats.

All seats not reserved by February 23 will be released to any interested school for \$1 per ticket.

### Schedule of Performances

- March 24 - Bell County High School @ 9:30 a.m. ET
- March 24- Harlan County High School @ 1:30 p.m. ET
- March 25- Somerset, Center for Rural Development @ 10 a.m. & 1 p.m. ET
- March 29 - Perry County High School @ 10 a.m. & 1 p.m. ET
- March 31- Madison Central High School @ 9:15 & 1:05 p.m. ET



## AP Studio Art Professional Development

An AP Summer Institute in Studio Art for new teachers will be held June 27-July 1 at Western Kentucky University in Bowling Green. The instructor is Janet Rogers. For more information and registration, contact Julia Roberts at WKU, <http://www.wku.edu/gifted> Phone: (270) 745-5991

Fax: (270) 745-6279  
E-mail: [gifted@wku.edu](mailto:gifted@wku.edu)

This workshop is endorsed by the College Board.

## Announcing the 2011 KyAEA All State Competition



If you are a KyAEA member and teach at the high school level, you are eligible to participate in the KyAEA All State Competition. Terri Schatzman is the All State coordinator and hosts the All State Exhibition in the Dixie Heights High School Art Gallery. Important dates to remember are below:

Drop off for All State - March 21-25. Drop off during the weekend

before or after is fine IF PRE-ARRANGED by e-mailing [Terri Schatzman](mailto:Terri.Schatzman).

The All State Reception is Sunday April 17 from 1-3 p.m., with award ceremony at 2 p.m.

For All State information and registration, click [here](#) to download the 2011 KyAEA All State Guidelines Form.

Updated information also will soon be available at [www.kyaea.org](http://www.kyaea.org).

## Music in Our School Month



March marks "Music in Our Schools Month," an annual event created to expand awareness of and underscore the significance that music plays in educating children of all ages.

Literacy teachers recognize the power that music can have over students. In the elementary years, it provides an organic way for children to experience the richness of language. Studies have shown that music education not only enhances reading skills, but also helps improve discipline and self-esteem.

some ideas for harnessing the power of music in your literacy classroom can be found in the [IRA:Inspire](#) newsletter.



# Need to Know News

## Summer Camp Opportunity for Students

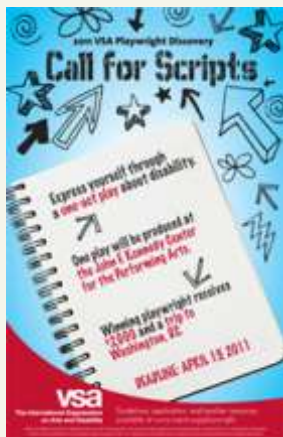
The [Center for Gifted Studies](#) at Western Kentucky University (WKU) has posted the [application](#) for the 29th annual [Summer Camp for Academically Talented Middle School Students \(SCATS\)](#), June 12-24. The two-week camp, **located on WKU's campus in Bowling Green**, provides enhanced learning opportunities for academically talented 6th-, 7th- and 8th-grade students.

Students chose four classes from a list of 30 to attend daily during the two-week camp. The center offers a diverse curriculum covering a range of interests including music, art, mathematics, history and acting. Those students who choose to live on campus during the two-week program also take part in a variety of activities outside the classroom such as sports, dances and a talent show.

The [application](#) is available on the **center's website**. For more information, call (270) 745-5991.

## 2011 VSA Playwright Discovery Program Call for Scripts

The VSA Playwright Discovery Program invites middle and high school students to take a closer look at the world around them, examine how disability affects their lives and the lives of others, and express their views through the



art of playwriting. Playwrights may write from their own experience or about an experience in the life of another person or fictional character. Scripts can be comedies, dramas, or even musicals-be creative! Young playwrights with and without disabilities are encouraged to submit a script. Entries may be the work of an individual student or a collaboration by a group or class of students.

The winning one-act play will be professionally produced or staged at the John F. Kennedy Center for the Performing Arts. The winning playwright receives \$2,000 and a trip to Washington, D.C., to view his or her work on stage. All submissions must be received by April 15 for consideration.

Download the official rules and procedures [here](#). Download the official application [here](#).

VSA has an innovative and FREE [Resource Guide for Teachers](#) to help guide teachers and students through the playwriting process. [For more information . . .](#)

Mary Claire O'Neal, Program Director  
VSA Kentucky  
500 Mero St.  
21st Floor, Capital Plaza Tower  
Frankfort KY 40601

(502) 564-3775

[maryclaire.oneal@education.ky.gov](mailto:maryclaire.oneal@education.ky.gov)

[www.vsartsy.org](http://www.vsartsy.org)

## Teaching Guitar Workshop

A tuition-based professional development opportunity for school guitar classes will be held in Lexington June 20-24. For more information, go to [www.guitaredunet.org](http://www.guitaredunet.org).



## Regional exhibitors expand offerings at *Kentucky Crafted: The Market*

*Kentucky Crafted: The Market* 2011 will include the work of artists from Best of Missouri Hands, Georgia Made



Georgia Grown, Indiana Artisan, Ohio Designer Craftsmen, West Virginia's Tamarack and the Southern Highlands Craft Guild. These guest exhibitors will complement the high-quality merchandise available from Kentucky Crafted artists and Kentucky Proud food artisans, the heart and soul of *Kentucky Crafted: The Market*. The annual award-winning arts marketplace returns to the Kentucky Exposition Center, South Wing B, Louisville, Ky., March 17 - 20, 2011.

*Kentucky Crafted: The Market* offers buyers from galleries, shops and online retail venues across the nation the opportunity to select products from more than 200 exhibitors of fine art and craft, books, CDs, DVDs and specialty foods. *The Market* is open exclusively to the trade on March 17 and 18.

On March 19 and 20, the marketplace opens to the public. In addition to shopping for fine art and craft, visitors can enjoy musical performances, sample regional food products, meet Kentucky authors and explore Kentucky traditions through special exhibits.

For more information about *Kentucky Crafted: The Market* and to receive a coupon good for \$3 off the price of admission, go to: [www.kycraft.ky.gov](http://www.kycraft.ky.gov).